

The American Journal of Medicine®

Use of Piroxicam in the Management of Pain

Introduction	ABRAHAM SUNSHINE	1
Impact of Non-Narcotic Oral Analgesics on Pain Management	WILLIAM T. BEAVER	3
Analgesic Efficacy of Piroxicam in the Treatment of Postoperative Pain		
	ABRAHAM SUNSHINE, CARLOS ROURE, ARIEL COLON, NANCY Z. OLSON, LEONCIA GONZALEZ, CAROLE SIEGEL, EUGENE LASKA	16
Nonsteroidal Anti-Inflammatory Drugs and Changing Attitudes toward Dysmenorrhea		
	M. YUSOFF DAWOOD	23
A Double-Blind, Placebo-Controlled Study Comparing Three Single-Dose Regimens of Piroxicam with Ibuprofen in Patients with Primary Dysmenorrhea		
	SAMUEL A. PASQUALE, ROBERT RATHAUSER, H. MITZI DOLESE	30
Analgesic Efficacy of Piroxicam in Postoperative Dental Pain	PAUL J. DESJARDINS	35
Clinical Trials in Acute Musculoskeletal Injury States: An Analysis of Methodology	STEPHEN HONIG	42
Piroxicam and Naproxen in Acute Sports Injuries	PAUL LEREIM, IMRE GABOR	45
Piroxicam in Acute Musculoskeletal Disorders and Sports Injuries	LEO P. HEERE	50
Piroxicam versus Naproxen in the Treatment of Acute Musculoskeletal Disorders in Athletes		
	HARRIS H. McILWAIN, RON D. PLATT	56

Alpha-1-Antitrypsin Deficiency: Usage of Alpha-1-Proteinase Inhibitor Concentrate in Replacement Therapy

Introduction	JAMES E. GADEK	1
Natural History of Alpha-1-Protease Inhibitor Deficiency	DUNCAN C.S. HUTCHISON	3
Molecular Basis of Alpha-1-Antitrypsin Deficiency	MARK BRANTLY, TOSHIHIRO NUKIWA, RONALD G. CRYSTAL	13
Purification of Alpha-1-Proteinase Inhibitor: Preparation and Properties of a Therapeutic Concentrate	MICHAEL H. COAN	32
Structure, Function, and Control of Neutrophil Proteinases	JAMES TRAVIS	37
Preclinical Evaluation of Alpha-1-Proteinase Inhibitor: Pharmacokinetics and Safety Studies	MICHAEL A. FOURNEL, JAMES O. NEWGREN, CARMEN M. BETANCOURT, RUSSELL G. IRWIN	43
Production and Administration to Dogs of Aerosols of Alpha-1-Proteinase Inhibitor	ROBERT M. SMITH, ROGER G. SPRAGG	48
Alpha-1-Antitrypsin Augmentation Therapy for Alpha-1-Antitrypsin Deficiency	RICHARD C. HUBBARD, RONALD G. CRYSTAL	52
Replacement Therapy for Alpha-1-Protease Inhibitor Deficiency in P₁Z Subjects with Chronic Obstructive Lung Disease	E.W. SCHMIDT, B. RASCHE, W.T. ULMER, NIKOLAUS KONIETZKO, MICHAEL BECKER, J.P. FALLISE, J. LORENZ, R. FERLINZ	63

Intravenous Administration of Alpha-1-Proteinase Inhibitor in Patients of P₂Z and P₂M Phenotype: Preliminary Report

KENNETH M. MOSER, ROBERT M. SMITH,
ROGER G. SPRAGG, GENNARO M. TISI 70

Alpha-1-Proteinase Inhibitor in Inflammatory States of Humans and Laboratory Animals

CHARLES G. COCHRANE 75

Alpha-1-Antitrypsin Deficiency and Panniculitis: Perspectives on Disease Relationship and Replacement Therapy

MARK R. PITTELKOW, KEVIN C. SMITH, W.P. DANIEL SU 80

Inactivation of Viruses in Therapeutic Products Derived from Human Plasma

GAUTAM MITRA, MILTON B. DOBKIN,
ROBERT E. LOUIE, MILTON M. MOZEN 87

VOLUME 85 (1A) JULY 25, 1988

**USE OF CEFOPERAZONE AND OTHER INJECTABLE ANTIBIOTICS
IN PATIENTS WITH ALTERED HOST DEFENSE**

1
Overview/Introduction: Cefoperazone Symposium
Vincent T. Andriole, William M.M. Kirby

3
Cefoperazone Plus Mezlocillin for Empiric Therapy of Febrile Cancer Patients
Paula Jones, Gerald P. Bodey, Kenneth Rolston, Victor Fainstein, Susan Riccardi

9
Cefoperazone in the Treatment of Infections in Cancer Patients
Jean Klastersky

17
Comparison of Cefoperazone and Mezlocillin with Imipenem as Empiric Therapy in Febrile Neutropenic Cancer Patients
Joanne Mortimer, Sheree Miller, Douglas Black, Karl Kwok, William M. Kirby

21
Controlled Trials of Double Beta-Lactam Therapy with Cefoperazone Plus Piperacillin in Febrile Granulocytopenic Patients
Drew J. Winston, Winston G. Ho, David A. Bruckner, Robert P. Gale, Richard E. Champlin

31
Cefoperazone Plus Tobramycin versus Ticarcillin Plus Tobramycin in Febrile Granulocytopenic Cancer Patients
Rasim Gucalp, Salvatore Lia, John C. McKittrick, Peter H. Wiernik

36
Cefoperazone Plus Piperacillin versus Mezlocillin Plus Tobramycin as Empiric Therapy for Febrile Episodes in Neutropenic Patients
Coleman Rotstein, Michael Cimino, Kathleen Winkley, Corrine Cesari, James Fenner

44
Cefoperazone versus Ceftazidime Monotherapy of Nosocomial Pneumonia
Richard J. Mangi, John Ryan, Charles Berenson, Thomas Greco, Michael Simms III, George Thornton, Vincent T. Andriole

49
Survey of Antibiotic Susceptibility among Gram-Negative Bacilli at a Cancer Hospital
Gerald P. Bodey, Dah Hsi Ho, Linda Elting

52
Comparative Susceptibility Patterns of Common Clinical Isolates to Cefoperazone: 1981 to 1987
Stephen G. Jenkins

56
Effect of Dose and Schedule on Cefoperazone Pharmacodynamics in an *in Vitro* Model of Infection in a Neutropenic Host
Stephen H. Zinner, Michael N. Dudley, Deborah Gilbert, Matthew Bassignani

ASTHMA: A NOCTURNAL DISEASE

1

Preface

E.R. McFadden, Jr.

2

Circadian Rhythms

E.R. McFadden, Jr.

6

Epidemiology of Nocturnal Asthma

Margaret Turner-Warwick

9

Abstract: Once-Daily Uniphyll Tablets versus Twice-Daily Theo-Dur Tablets in the Treatment of Nocturnal Asthma

Richard J. Martin, Lisa C. Cicutto, Robert D. Ballard, Paul D. Goldenheim

10

Abstract: Comparison of Uniphyll Tablets and Inhaled Albuterol as Maintenance Therapy in Asthmatic Adults

William W. Busse, Robert K. Bush

11

Multicenter Comparison of Once-Daily Uniphyll Tablets Administered in the Morning or Evening with Baseline Twice-Daily Theophylline Therapy in Patients with Nocturnal Asthma

Jay Grossman

14

Nocturnal Asthma: Approach to the Patient

Charles E. Reed, James T.C. Li

17

Is a Uniform Round-the-Clock Theophylline Blood Level Necessary for Optimal Asthma Therapy in the Adolescent Patient?

C. Warren Bierman, William E. Pierson, Gail G. Shapiro, Clifton T. Furukawa

21

Circadian Variations in Chronic Asthma and Chronic Obstructive Pulmonary Disease

Thomas L. Petty

24

Pathogenesis and Pathophysiology of Nocturnal Asthma

William W. Busse

30

Improved Control of Asthma in the Office Setting: A Large-Scale Study of Once-Daily Evening Doses of Theophylline

Steven G. Helm, Steven M. Meltzer

34

Biologic Rhythms and Medicine

Michael H. Smolensky, Gilbert E. D'Alonzo

47

Abstract: Uniphyll Tablets in Asthmatic Pediatric Patients

Gary S. Rachelefsky, Jay Grossman

48

Safety and Efficacy of Once-Daily Uniphyll Tablets Compared with Twice-Daily Theo-Dur Tablets in Elderly Patients with Chronic Airflow Obstruction

Robert N. Rivington, Luanne Calcutt, Richard V. Hodder, John H. Stewart, Thomas L. Aitken

54

How Much Theophylline Is Enough?

Ronald D. Fairshier

60

Review of the North American Experience with Evening Administration of Uniphyll Tablets, a Once-Daily Theophylline Preparation, in the Treatment of Nocturnal Asthma

William W. Arkinstall

64

Inflammatory Mechanisms and Nocturnal Asthma

Peter J. Barnes

VOLUME 85 (2A) AUGUST 29, 1988

THE WELLCOME INTERNATIONAL ANTIVIRAL SYMPOSIUM

INTRODUCTION

1

Introduction: Antiviral Chemotherapy

Paul S. Lietman

GENITAL HERPES INFECTION

Chairmen: L. Corey, L. Molin

3

Management of Genital Herpes Simplex Infections

R. Nicol Thin

7

Comparative Studies of Inosine Pranobex and Acyclovir

Adrian Mindel

10

Episodic Twice-Daily Treatment for Recurrent Genital Herpes

Leonard H. Goldberg, Raymond Kaufman, Marcus A. Conant, Jay Sperber, Martha L. Allen, Mark Illeman, Pamela S. Donohew, Sharon Chapman

14

Prolonged Continuous versus Intermittent Oral Acyclovir Treatment in Normal Adults with Frequently Recurring Genital Herpes Simplex Virus Infection

Gregory J. Mertz, Lawrence Eron, Raymond Kaufman, Leonard Goldberg, Benjamin Raab, Marcus Conant, John Mills, Terrance Kurtz, L. Gray Davis, The Acyclovir Study Group

20

Double-Blind, Placebo-Controlled Trial Comparing Long-Term Suppressive with Short-Term Oral Acyclovir Therapy for Management of Recurrent Genital Herpes

H. Reid Mattison, Richard C. Reichman, Jacqueline Benedetti, Douglas Bolgiano, L. Gray Davis, Allyson Bailey-Farchione, Michael Remington, Carol Winter, Lawrence Corey

26

Long-Term Suppression with Oral Acyclovir of Recurrent Herpes Simplex Virus Infections in Otherwise Healthy Patients: A European Multicenter Study

George R. Kinghorn

30

Suppression of Recurrent Genital Herpes by Single Daily Dosages of Acyclovir

Steven R. Mostow, Jenny L. Mayfield, J. Joseph Marr, Joan L. Drucker

MANAGEMENT OF OTHER HERPES SIMPLEX VIRUS INFECTIONS

Chairmen: M.A. Conant, O. Salo

34

Management of Non-Genital Herpes Simplex Virus Infections in Immunocompetent Patients

Irene M. Leigh

39

Treatment of Herpes Labialis with Acyclovir: Review of Three Clinical Trials

G. Wayne Raborn, William T. McGaw, Michael Grace, Jane Percy

43

Cutaneous Herpes Simplex Virus Lesions Induced by Ultraviolet Radiation: A Review of Model Systems and Prophylactic Therapy with Oral Acyclovir

Spotswood L. Spruance

46

Preventive Therapy of Herpes Labialis Associated with Trigeminal Surgery

Jürg Schädelin, Ulrich Schilt, Matthias Rohner

49

Treatment of Eczema Herpeticum with Oral Acyclovir

Michihito Niimura, Takeji Nishikawa

53

Herpes Simplex Virus Infection of the Hand: Clinical Features and Management

M. John Gill, John Arlette, D. Lorne Tyrrell, K.A. Buchan

SEVERE HERPES SIMPLEX VIRUS INFECTIONS

Chairmen: J.L. Vildé, H. Anderson

57

Management of Mucocutaneous Herpes Simplex Virus Infections in Immunocompromised Patients

Rein Saral

61

Herpes Simplex Virus Infections of the Central Nervous System: A Review

Richard J. Whitley

VARICELLA ZOSTER INFECTIONS

Chairmen: S.W. Wassilew, E. de Clercq

68

Varicella Zoster Virus Infections in Immunocompromised Hosts: A Review of the Natural History and Management

Henry H. Balfour, Jr.

74

Management of Varicella Zoster Infections in Immunocompetent Hosts

Niels A. Peterslund

79

Efficacy of Oral Acyclovir Treatment of Acute Herpes Zoster

Martin J. Wood, Patricia H. Ogan, Michael W. McKendrick, Christine D. Care, James I. McGill, Elizabeth M. Webb

84

Therapy of Herpes Zoster with Oral Acyclovir

J. Clark Huff, Bonnie Bean, Henry H. Balfour, Jr., Oscar L. Laskin, James D. Connor, Lawrence Corey, Yvonne J. Bryson, Paul McGuirt

90

Reduction of the Ocular Complications of Herpes Zoster Ophthalmicus by Oral Acyclovir

Michael Cobo

94

Treatment of Chickenpox in Immunocompromised Children

Gábor Nyerges, Zsófia Mészner

96

Current Therapy of Varicella Zoster Virus Infection in Immunocompromised Patients: A Comparison of Acyclovir and Vidarabine

David H. Shepp, Paula S. Dandliker, Joel D. Meyers

99

Prevention of Herpes Zoster in Patients by Long-Term Oral Acyclovir after Allogeneic Bone Marrow Transplantation

Timothy J. Perren, Raymond L. Powles, Douglas Easton, Kay Stolle, Peter J. Selby

OTHER HERPES INFECTIONS

Chairmen: F. Goebel, S.E. Straus

102

Management of Cytomegalovirus Infection

Joel D. Meyers

107

Management of Epstein-Barr Virus Infections

Jan Andersson, Ingemar Ernberg

SAFETY ISSUES OF ANTIHERPES THERAPY

Chairmen: J.M. Huraux, Y.J. Bryson

116

Monitoring the Safety of Antivirals: The Example of the Acyclovir Experience

Hugh H. Tilson

123

Acyclovir in Pregnancy Registry: An Observational Epidemiologic Approach

Elizabeth B. Andrews, Hugh H. Tilson, Barry A.L. Hurn, José F. Cordero, The Acyclovir in Pregnancy Advisory Committee

- 129
Viral Sensitivity following the Introduction of Acyclovir
Peter Collins

OTHER VIRAL INFECTIONS

Chairmen: L. Barbara, H. Strander

- 135
Hepatitis B Viral Infection
Howard C. Thomas

- 141
Human Lymphoblastoid Interferon for the Treatment of Chronic Hepatitis B: A Randomized Controlled Trial

G. Mazzella, E. Roda, L. Barbara, M.A. Amed, A. González Quintela, G. Saracco, M. Rizzetto, F. Rosina

- 143
Natural History and Therapy of Chronic Hepatitis B Virus Infection
Graeme J.M. Alexander, Roger Williams

- 147
Treatment of Chronic Type B Hepatitis in Southeast Asia
Yun-Fan Liaw, Shi-Ming Lin, I-Shyan Sheen, Tong-Jong Chen, Chia-Ming Chu

- 150
Long-Term Follow-up of Antiviral Combination Therapy in Chronic Hepatitis B
Robert A. de Man, Solko W. Schalm, Rudolf A. Heijtkink, Luuk Berk, Jannie Den Ouden, Fibo J.W. ten Kate, Robert A.F.M. Chamuleau, Henk W. Reesink

- 155
The Human Papillomaviruses: An Overview
Peter M. Howley, Richard Schlegel

- 159
Interferons in the Treatment of Genital Human Papillomavirus Infections
Phillip K. Weck, Debra A. Buddin, John K. Whisnant

ZIDOVUDINE AND HUMAN IMMUNODEFICIENCY VIRUS INFECTIONS

Chairmen: F. Brun-Vezinet, M.S. Hirsch

- 165
Antiviral Drugs Other than Zidovudine and Immunomodulating Therapies in Human Immunodeficiency Virus Infection: An Overview
Nathan Clumeck, Philippe Hermans

- 173
Structural Studies of the Acquired Immunodeficiency Syndrome Virus Reverse Transcriptase
Brendon A. Larder, Dorothy J.M. Purifoy, Kenneth L. Powell, Christopher Bradley, Sharon Kemp, Margaret Tisdale, Peter Ertl, Graham K. Darby, David Stammers

- 176
Spectrum of Antiviral Activity and Mechanism of Action of Zidovudine: An Overview
Phillip A. Furman, David W. Barry

182

- Antiviral Drug Development for the Treatment of Human Immunodeficiency Virus Infections: An Overview**
Martin S. Hirsch

- 186
Preclinical Toxicology of Zidovudine: An Overview
Kenneth M. Ayers

- 189
Pharmacokinetics and Bioavailability of Zidovudine in Humans
M. Robert Blum, Sam H.T. Liao, Steven S. Good, Paulo de Miranda

- 195
Acquired Immune Deficiency Syndrome in Children: Current Problems and Therapeutic Considerations
Philip A. Pizzo, Janie Eddy, Judith Faloan

- 203
Zidovudine Therapy in Children with Acquired Immunodeficiency Syndrome
Stéphane Blanche, Maurizio Caniglia, Alain Fischer, Christine Rouzioux, Marianne Burgard, Marc Tardieu, Gilles Duhamel, Claude Griscelli

- 208
Results of Continued Monitoring of Participants in the Placebo-Controlled Trial of Zidovudine for Serious Human Immunodeficiency Virus Infection
Douglas D. Richman, John Andrews, AZT Collaborative Working Group

VOLUME 85 (3A) September 16, 1988

CEFIXIME: CLINICAL OVERVIEW OF A NEW ORAL THIRD-GENERATION CEPHALOSPORIN

- 1
Introduction
George H. McCracken, Jr.

- 2
Management of Acute and Chronic Respiratory Tract Infections
Jerrold J. Ellner

- 6
Comparative, Multicenter Studies of Cefixime and Amoxicillin in the Treatment of Respiratory Tract Infections
Reza Kiani, Deborah Johnson, Bennie Nelson

- 14
Management of Urinary Tract Infections
Stacy J. Childs

- 17
A Double-Blind, Multicenter, Comparative Study of the Safety and Efficacy of Cefixime versus Amoxicillin in the Treatment of Acute Urinary Tract Infections in Adult Patients
Abdollah Iravani, George A. Richard, Deborah Johnson, Arlene Bryant

- 24
Discussion

**PRINIVIL IN THE TREATMENT OF THE
OLDER HYPERTENSIVE PATIENT**

- 1**
Introduction: Treating the Older Hypertensive Patient—An Overview
Suzanne Oparil
- 2**
Epidemiology of Hypertension in Older Patients
William McFate Smith
- 7**
Pathophysiology of Hypertension in Older Patients
William B. Abrams
- 14**
The Evolution of Current Hypertension Therapy
Robert H. McDonald, Jr.
- 19**
Clinical Experience and Rationale for Angiotensin-Converting Enzyme Inhibition with Lisinopril as the Initial Treatment for Hypertension in Older Patients
James L. Pool, Edward B. Nelson, Addison A. Taylor
- 25**
Pharmacokinetics of Lisinopril
Bjorn Beermann
- 31**
Lisinopril in the Treatment of Hypertensive Patients with Renal Impairment
John F. Donohoe, John Kelly, Mark S. Laher, Gerald D. Doyle
- 35**
Efficacy and Safety of Lisinopril in Older Patients with Essential Hypertension
Hector J. Gomez, Shaler G. Smith III, Federico Moncloa
- 38**
Antihypertensive and Renal Effects of Lisinopril in Older Patients with Hypertension
Mark S. Laher, John F. Donohoe, John G. Kelly, Gerard D. Doyle
- 44**
Lisinopril and Captopril in the Treatment of Heart Failure in Older Patients: Comparison of a Long- and Short-Acting Angiotensin-Converting Enzyme Inhibitor
Thomas D. Giles, Mary B. Fisher, Janet E. Rush
- 48**
Lisinopril versus Placebo in Older Congestive Heart Failure Patients
Gerald R.J. Lewis
- 55**
Safety and Tolerability of Lisinopril in Older Hypertensive Patients
Janet E. Rush, Paulette A. Lyle

**UPDATE IN RHEUMATOLOGY:
FOCUS ON HYDROXYCHLOROQUINE**

- 1**
Introduction: Update in Rheumatology—Focus on Hydroxychloroquine
Nathan J. Zvaifler
- 2**
Differential Diagnosis of Rheumatoid Arthritis
Allen H. Mackenzie
- 12**
New Perspectives on the Pathogenesis of Rheumatoid Arthritis
Nathan J. Zvaifler
- 18**
Hydroxychloroquine Treatment of Rheumatoid Arthritis
Richard I. Rynes
- 23**
Ocular Effects and Safety of Antimalarial Agents
Michael Easterbrook
- 30**
Antimalarial Drugs and Pregnancy
Ann Parke
- 34**
Newer Laboratory Parameters for the Diagnosis of Rheumatic Disease
Steven Carsons
- 39**
Role of Disease-Modifying Antirheumatic Drugs versus Cytotoxic Agents in the Therapy of Rheumatoid Arthritis
John R. Ward
- 45**
Antimalarial Agents Compared with or in Combination with Other Disease-Modifying Antirheumatic Drugs
Harold E. Paulus
- 53**
Efficacy of Antimalarials in Systemic Lupus Erythematosus
Naomi Rothfield
- 57**
Hydroxychloroquine and Postoperative Thromboembolism after Total Hip Replacement
James R. Loudon
- 62**
Treatment of Primary Sjögren's Syndrome with Hydroxychloroquine
Robert I. Fox, Edward Chan, Laurie Benton, Sherman Fong, Mitchell Friedlaender, Francis V. Howell
- 68**
Summary: Update in Rheumatology—Focus on Hydroxychloroquine
Nathan J. Zvaifler

**NEW HORIZONS IN DIABETES: A VETERANS
ADMINISTRATION MEDICAL RESEARCH
SERVICE SYMPOSIUM**

- 1**
Introduction
Karl E. Sussman
- 4**
Islet Dysfunction in Non-Insulin-Dependent Diabetes Mellitus
Steven E. Kahn, Daniel Porte, Jr.
- 9**
Membrane Phospholipid Turnover as an Intermediary Step in Insulin Secretion: Putative Roles of Phospholipases in Cell Signaling
Stewart A. Metz
- 22**
Hyperinsulinemia
Rosalyn S. Yalow, Herbert G. Rose, William A. Bauman
- 31**
Intra-Islet Regulation
Ellis Samols, John I. Stagner
- 36**
Phospholipid Signaling Systems in Insulin Action
Robert V. Farese
- 44**
Intracellular Calcium, Insulin Secretion, and Action
Boris Draznin
- 59**
Insulin, Insulin-Like Growth Factors, and Vascular Endothelium
Robert S. Bar, Mary Boes, Brian L. Dake, Barbara A. Booth, Sherry A. Henley, Alexander Sandra
- 71**
Hepatic Metabolism of Insulin
William C. Duckworth, Frederick G. Hamel, Daniel E. Peavy
- 77**
Regulation of Glycogen Synthesis in the Liver
Frank Q. Nuttall, Daniel P. Gilboe, Mary C. Gannon, Catherine B. Niewoehner, Agnes W.H. Tan
- 86**
Cellular Mechanisms of Insulin Resistance in Non-Insulin-Dependent (type II) Diabetes
Jerrold M. Olefsky, W. Timothy Garvey, Robert R. Henry, David Brillon, Stephan Matthaei, Gary R. Freidenberg
- 106**
Role of Abnormal Free Fatty Acid Metabolism in the Development of Non-Insulin-Dependent Diabetes Mellitus
Gerald M. Reaven, Yii-Der I. Chen
- 113**
A Review of the Development of Large-Vessel Disease in Diabetes Mellitus
John A. Colwell, Maria F. Lopes-Virella
- 119**
Diabetic Microangiopathy, Genetics, Environment, and Treatment
Marvin D. Siperstein
- 131**
Nephropathy in Non-Insulin-Dependent Diabetes Mellitus
Paul Tung, Seymour R. Levin
- 137**
Diabetic Autonomic Neuropathy—Part I: Autonomic Nervous System Data Analysis by a Computerized Central Unit in a Multicenter Trial
Mary Schumer, Gary Burton, Cary Burton, Dennis Crum, Michael A. Pfeifer, The Diabetes Control and Complications Trial Study Group
- 144**
Diabetic Autonomic Neuropathy—Part II: Coefficient of Variation of RR-Variation and Valsalva Maneuver Tests
Mary Schumer, Goldie Miller-Crain, Michael A. Pfeifer, The Statil Study Group
- 147**
Impotence in Diabetic Men
Fran E. Kaiser, Stanley G. Korenman
- 153**
New Modalities in Diabetes Treatment
Ann M. Lawrence, Carlos Abaira
- 159**
New Perspectives in Nutrition Management of Diabetes Mellitus
James W. Anderson, Patti Bazel Geil
- 166**
Diabetes—The Road Ahead
Karl E. Sussman

